BRUHAT BANGALORE MAHANAGARA PALIKE

BYATARAYANAPURA DIVISION

E-BILL FOR THE WORK: IMPROVEMENTS TO ROADS, DRAINS AND CUNSTRUCTION OF CULVERTS AT MARUTHI LAYOUT, BHUVANESHWARINAGARA AND SURROUINDING IN WARD NO.09.

WORK ORDER NO: BBMP/EE/BTP/WO/ 159/ 2022-23

DATE : 10/03/2023

ESTIMATE COST: Rs. 55.00 Lakhs

Job Code No:009-23-000014

KODIGEHALLI SUB DIVISION

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE WORK :- IMPROVEMENTS TO ROADS, DRAINS AND CUNSTRUCTION OF CULVERTS AT MARUTHI LAYOUT, BHUVANESHWARINAGARA

AND

Estimated Cost Rs : 55.00 Lakhs

NAME OF AGENCY : M/s. S. S. Road Developers, Prop.: A. S. Mani.

WORK ORDER NO : BBMP/EE/BTP/WO/159/2022-23 Dt: 10-03-2023

Job Code : 009-23-000014, P-code P 3726

FIRST AND FINAL BILL

Sno	Discription of items	No	L	B	D	Qty	Rate	Amount
1	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. In all kind of soils Depth upto 1.5m (P.No.5-I.No.1.4.1)& of PWD SR 21-22 Vol-1							
	Qty As Per P/M Vide Item No 1 Page no. 1 to 2					615.52		
				Ltd to SQ		608.80	175.96	107124.45
						Cum		
2	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications.							
	Qty As Per P/M Vide Item No 2. Page no. 2					79.38		
				Ltd to SQ		78.30	5254.08	411394.46
						Cum		
3	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)							
	Qty As Per P/M Vide Item No 3. Page no. 2-3					70.42		
				Ltd to SQ		68.04	5129.21	348991.45
						Cum		
4	Providing ruled pointing to cursed stone masonry with lime mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost all materials, labour, usage charges of machinery, curing complete as pre							

Contractor

	Qty As Per P/M Vide Item No 4. Page no. 3					127.50		
				Ltd to SQ		122.87	225.15	27664.18
						Sqm		
5	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately)							
a	**For RCC drain bed concrete**							
	At Maruthi Layout main road left side							
	2nd to 3rd cross	1	24.90	0.90	0.15	3.36		
	3rd to 4th cross	1	25.00	0.90	0.15	3.38		
	4th to 6th cross	1	25.60	0.90	0.15	3.46		
	6th to 7th cross	1	30.00	0.90	0.15	4.05		
		1	21.60	0.90	0.15	2.92		
	7th to 8th cross	1	14.70	0.90	0.15	1.98		
	8th to 9 th cross	1	30.00	0.90	0.15	4.05		
		1	31.60	0.90	0.15	4.27		
	9th to 10 th cross	1	26.70	0.90	0.15	3.60		
	10th to 11th cross	1	31.00	0.90	0.15	4.19		
	11 to 12 th cross	1	31.70	0.90	0.15	4.28		
	12 to 17th cross	1	30.00	0.90	0.15	4.05		
		1	24.30	0.90	0.15	3.28		
	17th to 16th cross	1	29.20	0.90	0.15	3.94		
	16th to 15 th cross	1	26.50	0.90	0.15	3.58		
	15th to 14th cross	1	12.00	0.90	0.15	1.62		
	15th cross R/s	1	22.00	0.90	0.15	2.97		
						58.97		
b	**Side walls**							
	2nd to 3rd cross	2	24.90	0.15	0.60	4.48		
	3rd to 4th cross	2	25.00	0.15	0.60	4.50		
	4th to 6th cross	2	25.60	0.15	0.60	4.61		
	6th to 7th cross	2	30.00	0.15	0.60	5.40		
		2	21.60	0.15	0.60	3.89		
	7th to 8th cross	2	14.70	0.15	0.60	2.65		
	8th to 9 th cross	2	30.00	0.15	0.60	5.40		
		2	31.60	0.15	0.60	5.69		
	9th to 10 th cross	2	26.70	0.15	0.60	4.81		
	10th to 11th cross	2	31.00	0.15	0.60	5.58		
	11 to 12 th cross	2	31.70	0.15	0.60	5.71		
	12 to 17th cross	2	30.00	0.15	0.60	5.40		
		2	24.30	0.15	0.60	4.37		
	17th to 16th cross	2	29.20	0.15	0.60	5.26		
	16th to 15 th cross	2	26.50	0.15	0.60	4.77		

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

29.03.2023

Contractor

12.5

	15th to 14th cross	2	12.00	0.15	0.60	2.16		
	15th cross R/s	2	22.00	0.15	0.60	3.96		
						78.62		
						137.59		
				Ltd to SQ		137.31	5928.01	813975.05
						Cum		
6	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub structure complete as per Drawing and Technical Specifications. (P.No. 99, Sl.No. 13.1 Vol -3, 2021-22) Issue Rate w.e.f 07/07/2022							
	Qty As Per P/M Vide Item No 6. Page no. 4					7.97		
				Ltd to SQ		7.96	87192.82	694054.85
						M-Tonn		
7	Providing and laying in position **plain cement concrete Mix 1:3:6 (M10)** Using 20 mm nominal size graded crushed coarse aggregates for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) (KPWD 2021-22, V-1, I.NO.2.1.4 P.No. 15, Issue Rate w.e.f 07/07/2022.							
	Qty As Per P/M Vide Item No 7. Page no. 4-5					32.27	5418.69	174861.13
						Cum		
8	Providing & Fixing RCC Precast cover slab made out of CC 1;2:4 with 10 cm thick and finishing cutting, including form work, lift charges, curing, including cost of all materials labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete.							
	At Maruthi Layout main road Left side							
	2nd to 3rd cross	1	25.00	0.90	-	22.50		
	3rd to 4th cross	1	25.60	0.90	-	23.04		
	4th to 6th cross	1	30.00	0.90	-	27.00		
	6th to 7th cross	1	21.60	0.90		19.44		
		1	14.70	0.90	-	13.23		
	7th to 8th cross	1	30.00	0.90		27.00		
	8th to 9 th cross	1	31.60	0.90	-	28.44		
		1	26.70	0.90	-	24.03		
	9th to 10 th cross	1	31.00	0.90		27.90		
	10th to 11th cross	1	31.70	0.90		28.53		
	11 to 12 th cross	1	30.00	0.90	-	27.00		
	12 to 17th cross	1	24.30	0.90	-	21.87		
		1	29.20	0.90	-	26.28		
	17th to 16th cross	1	26.50	0.90	-	23.85		
	16th to 15 th cross	1	12.00	0.90	-	10.80		

	15th to 14th cross	1	22.00	0.90		19.80		
	missing slabs	1	12.00	0.90		10.80		
		1	12.50	0.90		11.25		
						392.76		
					Ltd to SQ	392.31	2009.82	788472.48
						Sqm		
9	Providing & Fixing RCC Precast cover slab of 25cm thick for drain in cement concrete M25 using graded granite jelly 25mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer incharge							
	FOR CULVERTS							
	6th A cross	1	6.00	1.50	-	9.00		
	7th A cross	1	6.00	1.50	-	9.00		
	9th A cross	1	6.60	1.50	-	9.90		
	10A cross	1	6.00	1.50	-	9.00		
	11th A cross	1	5.40	1.50	-	8.10		
	12th A cross	1	4.80	1.50	-	7.20		
	17th cross	1	5.40	1.50	-	8.10		
	16th cross	1	4.80	1.50	-	7.20		
	15th cross R/s	1	4.20	1.50	-	6.30		
	14th A cross Bhuvneshwarinagar	1	5.50	1.50	-	8.25		
	2nd cross	1	6.80	1.50	-	10.20		
	3rd cross	1	6.00	1.50	-	9.00		
	replacing damaged slabs	8	1.50	0.60		7.20		
						108.45		
					Ltd to SQ	**108.00**	**4659.48**	**503223.84**
						Sqm		
10	Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3). (KWPD 2021-22, Vol-III, Item No.1.1 A, Page No.3)							
	qty as per it no 1					**608.80**		
					Ltd to SQ	**563.14**	**70.00**	**39419.80**
						Cum		
11	Cost of Haulage Excluding Loading and Unloading taking output 18 t Load and lead 10 km = 180.t.km (PWD SR 2021-22 Vol-III Page No.3, Item No. 1.4B)							
	qty a per it no 1 *1.28					**779.26**		
					Ltd to	**716.19**	**99.33**	**71139.15**
						T.Km		
						SUB TOTAL Rs.		**3980320.84**
						GST 18%		**716457.75**
						GRAND TOTAL Rs.		**4696778.60**

CERTIFICATE

1	The contractor has done the work satisfactorly.
2	The contractor has removed the all debris from work spots.
3	This area comes under BBMP limits.

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Asst. Engineer
Ward No.09 Amruthahalli

Contractor

Asst. Executive Engineer
B.B.M.P. Kodigehalli Sub-Division

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE WORK :- IMPROVEMENTS TO ROADS, DRAINS AND CUNSTRUCTION OF CULVERTS AT MARUTHI LAYOUT, BHUVANESHWARINAGARA AND

Estimated Cost Rs : 55.00 Lakhs

Name of Agency : M/s. S. S. Road Developers, Prop.: A. S. Mani.

Work Order No : BBMP/EE/BTP/WO/159/2022-23 Dt: 10-03-2023

Job Code : 009-23-000014, P-code P 3726

PRE MEASUREMENTS

Sno	Discription of items	Unit	No	L	B	D	Qty
1	**Earth work** excavation by manual means for **drains,canals, waste weir, draft, approach channels,**						
a	**For RCC drain maruti Layout main road left side**						
	2nd to 3rd cross	**cum**	1	24.90	1.00	1.05	26.15
	3rd to 4th cross		1	25.00	1.00	1.05	26.25
	4th to 6th cross		1	25.60	1.00	1.00	25.60
	6th to 7th cross		1	30.00	1.00	1.05	31.50
			1	21.60	1.00	1.00	21.60
	7th to 8th cross		1	14.70	1.00	1.05	15.44
	8th to 9 th cross		1	30.00	1.05	1.00	31.50
			1	31.60	1.05	1.05	34.84
	9th to 10 th cross		1	26.70	1.00	1.00	26.70
	10th to 11th cross		1	31.00	1.00	1.05	32.55
	11 to 12 th cross		1	31.70	1.00	1.00	31.70
	12 to 17th cross		1	30.00	1.00	1.00	30.00
			1	24.30	1.00	1.05	25.52
	17th to 16th cross		1	29.20	1.00	1.05	30.66
	16th to 15 th cross		1	26.50	1.05	1.00	27.83
	15th to 14th cross		1	12.00	1.05	1.00	12.60
	15th cross R/s		1	22.00	1.00	1.05	23.10
b	**for culverts**						
	6th A cross		1	6.00	2.00	1.20	14.40
	7th A cross		1	6.00	2.00	1.20	14.40
	9th A cross		1	6.60	2.00	1.20	15.84
	10A cross		1	6.00	2.00	1.20	14.40
	11th A cross		1	5.40	2.00	1.20	12.96
	12th A cross		1	4.80	2.00	1.20	11.52
	17th cross		1	5.40	2.00	1.20	12.96
	16th cross		1	4.80	2.00	1.20	11.52
	15th cross R/s		1	4.20	2.00	1.20	10.08
	14th A cross Bhuvneshwarinagar 1st cross		1	5.50	2.00	1.20	13.20
	2nd cross		1	6.80	2.00	1.20	16.32
	3rd cross		1	6.00	2.00	1.20	14.40
						Total Qty	**615.52**

16.03.2023

Asst. Engineer
Ward No.09 Amruthahalli

20.03.2023

Contractor

Asst. Executive Engineer
Kodigehalli Sub Division, BBMP

Asst. Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

2	Providing and laying in position **plain cement concrete Mix 1:3:6 (M10)** for levelling						
a	**For RCC drain maruti Layout main road left side**	**cum**					
	2nd to 3rd cross		1	24.90	0.90	0.15	3.36
	3rd to 4th cross		1	25.00	0.90	0.15	3.38
	4th to 6th cross		1	25.60	0.90	0.15	3.46
	6th to 7th cross		1	30.00	0.95	0.15	4.28
			1	21.60	0.95	0.15	3.08
	7th to 8th cross		1	14.70	0.90	0.15	1.98
	8th to 9 th cross		1	30.00	0.90	0.15	4.05
			1	31.60	0.90	0.15	4.27
	9th to 10 th cross		1	26.70	0.90	0.15	3.60
	10th to 11th cross		1	31.00	0.90	0.15	4.19
	11 to 12 th cross		1	31.70	0.90	0.15	4.28
	12 to 17th cross		1	30.00	0.90	0.15	4.05
			1	24.30	0.90	0.15	3.28
	17th to 16th cross		1	29.20	0.90	0.15	3.94
b	16th to 15 th cross		1	26.50	0.90	0.15	3.58
	15th to 14th cross		1	12.00	0.90	0.15	1.62
	15th cross R/s		1	22.00	0.90	0.15	2.97
	for culverts						
	6th A cross		1	6.00	1.80	0.15	1.62
	7th A cross		1	6.00	1.80	0.15	1.62
	9th A cross		1	6.60	1.80	0.15	1.78
	10A cross		1	6.00	1.80	0.15	1.62
	11th A cross		1	5.40	1.80	0.15	1.46
	12th A cross		1	4.80	1.80	0.15	1.30
	17th cross		1	5.40	1.80	0.15	1.46
	16th cross		1	4.80	1.80	0.15	1.30
	15th cross R/s		1	4.20	1.80	0.15	1.13
	14th A cross Bhuvneshwarinagar 1st cross		1	5.50	1.80	0.15	1.49
	2nd cross		1	6.80	1.80	0.15	1.84
	3rd cross		1	6.00	1.80	0.15	1.62
	ramp culvert		4	5.00	0.60	0.15	1.80
							79.38

22.03.2023

24.3.2023

Asst. Engineer
Ward No.09 Amruthahalli

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Asst. Executive Engineer
Kodigehalli Sub Division, BBMP

3	Providing **Size Stone masonry** with hard stone in foundation & plinth with Cement mortar **1:6**						
	Culverts						
	6th A cross	**cum**	2	6.00	0.60	0.45	3.24
	7th A cross		2	6.00	0.60	0.50	3.60
	9th A cross		2	6.60	0.65	0.50	4.29
	10A cross		2	6.00	0.65	0.50	3.90
	11th A cross		2	5.40	0.65	0.50	3.53
	12th A cross		2	4.80	0.65	0.50	3.12
	17th cross		2	5.40	0.60	0.50	3.24
	16th cross		2	4.80	0.60	0.50	2.88

27.8

	15th cross R/s		2	4.20	0.60	0.50	2.52
	14th A cross Bhuvneshwarinagar 1st cross		2	6.00	0.60	0.45	3.24
	2nd cross		2	6.00	0.60	0.45	3.24
	3rd cross		2	6.00	0.60	0.45	3.24
	First Course						**40.04**
	2nd Footing						
	6th A cross		2	6.00	0.50	0.45	2.70
	7th A cross		2	6.00	0.50	0.45	2.70
	9th A cross		2	6.60	0.50	0.45	2.97
	10A cross		2	6.00	0.50	0.45	2.70
	11th A cross		2	5.40	0.50	0.45	2.43
	12th A cross		2	4.80	0.50	0.45	2.16
	17th cross		2	5.40	0.50	0.45	2.43
	16th cross		2	4.80	0.50	0.45	2.16
	15th cross R/s		2	4.20	0.50	0.45	1.89
	14th A cross Bhuvneshwarinagar 1st cross		2	5.50	0.50	0.45	2.48
	2nd cross		2	6.80	0.50	0.45	3.06
	3rd cross		2	6.00	0.50	0.45	2.70
	Second Course						**30.38**
							70.42

27.03.2023

Asst. Engineer
Ward No.09 Amruthahalli

Asst. Executive Engineer
Kodigehalli Sub Division, BBMP

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

	PRE MEASUREMENT						
4	Providing ruled **pointing to cursed stone masonry** with lime mortar **1:3.**						
	Pre Measurement Recorded on:						
	Culverts						
	6th A cross	**sqm**	2	6.00	-	0.90	10.80
	7th A cross		2	6.00	-	0.90	10.80
	9th A cross		2	6.60	-	0.90	11.88
	10A cross		2	6.00	-	0.90	10.80
	11th A cross		2	5.40	-	0.90	9.72
	12th A cross		2	4.80	-	0.90	8.64
	17th cross		2	5.40	-	0.90	9.72
	16th cross		2	4.80	-	0.90	8.64
	15th cross R/s		2	4.20	-	0.90	7.56
	14th A cross Bhuvneshwarinagar 1st cross		2	5.50	-	0.90	9.90
	2nd cross		2	6.80	-	0.90	12.24
	3rd cross		2	6.00	-	0.90	10.80
			2	5.00		0.60	6.00
							127.50

27.03.2023

Asst. Engineer
Ward No.09 Amruthahalli

Asst. Executive Engineer
Kodigehalli Sub Division, BBMP

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contractor

	PRE MEASUREMENT						
6	Supplying, Fitting and Placing un-coated **TMT bar Reinforcement**						
	Pre Measurement Recorded on:						
a	**10 mm dia U bars for drain**						
	At Maruthi Layout Main road						
	2nd to 3rd cross		1	166	2.25	0.62	231.57
	3rd to 4th cross		1	167	2.25	0.62	232.97
	4th to 6th cross		1	171	2.25	0.62	238.55
	6th to 7th cross		1	200	2.25	0.62	279.00
			1	144	2.25	0.62	200.88
	7th to 8th cross		1	98	2.25	0.62	136.71
	8th to 9 th cross		1	200	2.25	0.62	279.00
			1	211	2.25	0.62	294.35
	9th to 10 th cross		1	178	2.25	0.62	248.31
	10th to 11th cross		1	207	2.25	0.62	288.77
	11 to 12 th cross		1	211	2.25	0.62	294.35
	12 to 17th cross		1	200	2.25	0.62	279.00
			1	162	2.25	0.62	225.99
	17th to 16th cross		1	195	2.25	0.62	272.03
	16th to 15 th cross		1	177	2.25	0.62	246.92
	15th to 14th cross		1	80	2.25	0.62	111.60
	15th cross R/s		1	147	2.25	0.62	205.07
b	**Horizontal Bars@15cm C/c 10mm dia**						
	2nd to 3rd cross		14	24.90		0.62	216.13
	3rd to 4th cross		14	25.00		0.62	217.00
	4th to 6th cross		14	25.60		0.62	222.21
	6th to 7th cross		14	30.00		0.62	260.40
			14	21.60		0.62	187.49
	7th to 8th cross		14	14.70		0.62	127.60
	8th to 9 th cross		15	30.00		0.62	279.00
			15	31.60		0.62	293.88
	9th to 10 th cross		15	26.70		0.62	248.31
	10th to 11th cross		15	31.00		0.62	288.30
	11 to 12 th cross		15	31.70		0.62	294.81
	12 to 17th cross		15	30.00		0.62	279.00
			14	24.30		0.62	210.92
	17th to 16th cross		14	29.20		0.62	253.46
	16th to 15 th cross		14	26.50		0.62	230.02
	15th to 14th cross		14	12.00		0.62	104.16
	15th cross R/s		14	22.00		0.62	190.96
						Kgs	**7968.67**
						/1000	**7.97**

29.03.2023

Asst. Engineer
Ward No.09 Amruthahalli

Asst. Executive Engineer
Kodigehalli Sub Division, BBMP

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contractor

7	**PRE MEASUREMENT**						
	Providing and laying in position **plain cement concrete Mix 1:3:6 (M10)**						
	Pre Measurement Recorded on:						
	FOR CULVERT VENT						
	6th A cross		1	6.00	1.50	0.10	0.90
	7th A cross		1	6.00	1.50	0.10	0.90

1.80

	9th A cross		1	6.60	1.50	0.10	0.99
	10A cross		1	6.00	1.50	0.10	0.90
	11th A cross		1	5.40	1.50	0.10	0.81
	12th A cross		1	4.80	1.50	0.10	0.72
	17th cross		1	5.40	1.50	0.10	0.81
	16th cross		1	4.80	1.50	0.10	0.72
	15th cross R/s		1	4.20	1.50	0.10	0.63
	14th A cross Bhuvneshwarinagar 1st cross		1	6.00	1.80	0.12	1.30
	2nd cross		1	6.00	1.80	0.12	1.30
	3rd cross		1	6.00	1.80	0.12	1.30
			1	5.00	1.80	0.12	1.08
							11.27
	For ramp						
	6th A cross		2	7.00	0.90	0.15	1.89
	7th A cross		2	6.10	1.10	0.15	2.01
	9th A cross		2	7.00	1.20	0.15	2.52
	10A cross		2	6.10	1.00	0.15	1.83
	11th A cross		2	6.30	1.00	0.15	1.89
	12th A cross		2	6.70	0.95	0.15	1.91
	17th cross		2	6.80	0.90	0.15	1.84
	16th cross		2	5.50	0.90	0.15	1.49
	15th cross R/s		2	5.10	1.10	0.15	1.68
	14th A cross Bhuvneshwarinagar		2	6.00	0.80	0.15	1.44
	2nd cross		2	6.00	1.00	0.15	1.80
	3rd cross		2	6.00	0.95	0.15	1.71
							22.01
							33.27

9.47

21.04.2023

Asst. Engineer
Ward No.09 Amruthahalli

Asst. Executive Engineer
Kodigehalli Sub Division, BBMP

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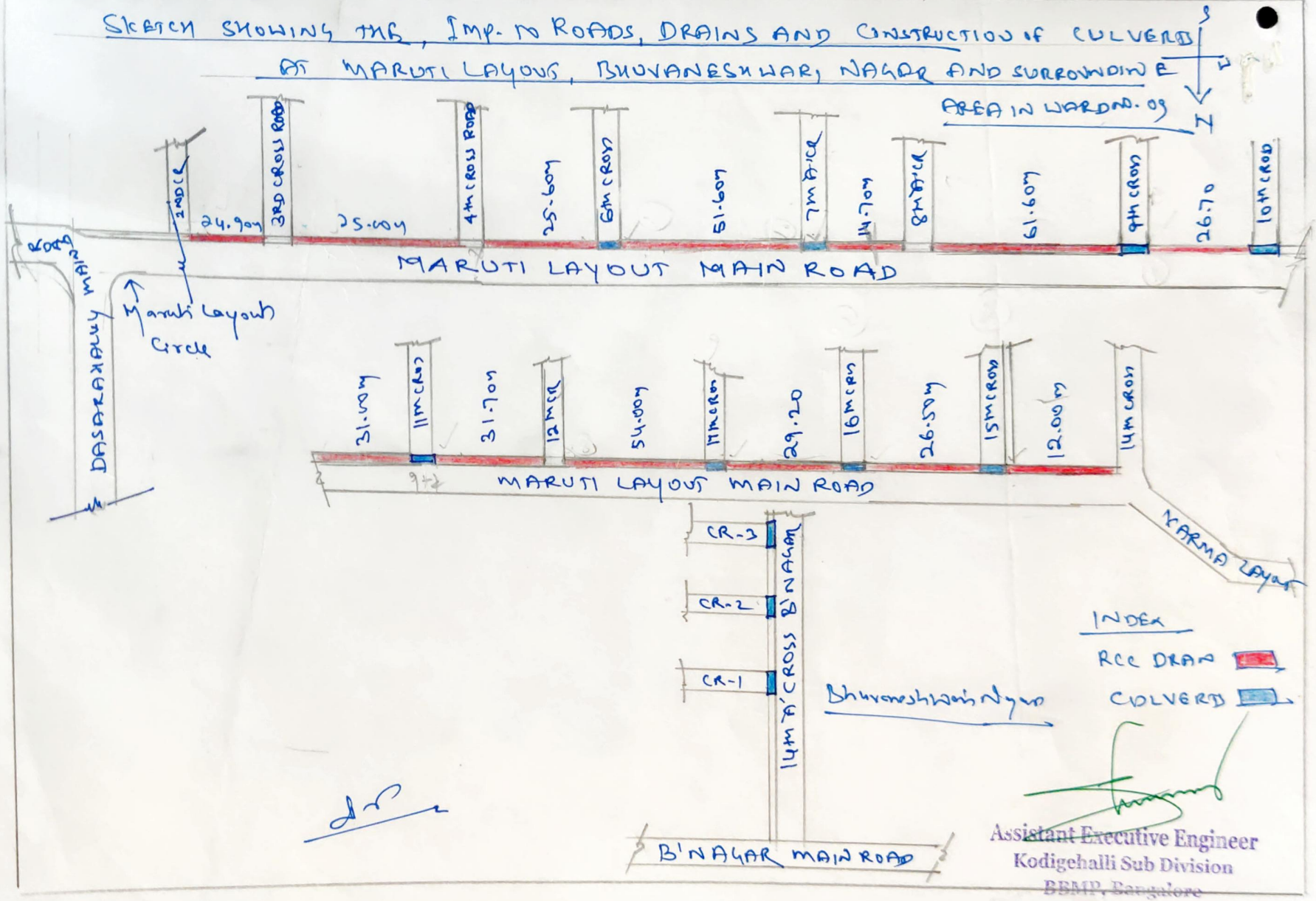
SKETCH SHOWING THE IMP. TO ROADS, DRAINS AND CONSTRUCTION OF CULVERTS AT MARUTI LAYOUT, BHUVANESHWARI NAGAR AND SURROUNDING AREA IN WARD NO. 09



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